

CLAIMS

I claim:

- 1 1. An apparatus for cracking a nut, comprising:
2 a stationary die; and
3 a movable die, said movable die being designed as a falling weight, said falling
4 weight being designed and arranged to fall down towards said stationary die due to gravity to
5 crack the nut.
- 1 2. The apparatus of claim 1, wherein said falling weight has a mass and is designed and
2 arranged to be placed at a falling height from said stationary die, the mass and the falling
3 height being chosen to crack the nut.
- 1 3. The apparatus of claim 1, wherein said movable die is designed and arranged to be
2 guided in a vertical direction.
- 1 4. The apparatus of claim 1, further comprising a fall bar, wherein said movable die
2 includes an opening, said fall bar being designed and arranged to protrude through said
3 opening.
- 1 5. The apparatus of claim 1, wherein said stationary die has a surface including an
2 impression and said movable die has a surface including an impression, said impressions
3 being arranged to face one another.
- 1 6. The apparatus of claim 1, further comprising a fall bar, said fall bar having a inverted U-

2 shaped design and including a first leg and a second leg, said first leg being fixedly connected
3 to said stationary die and said second leg being designed and arranged to protrude through
4 said movable die.

1 7. The apparatus of claim 6 wherein said stationary die has a surface including an
2 impression, said second leg of said fall bar being designed and arranged to freely end above
3 said impression of said stationary die.

1 8. The apparatus of claim 1, wherein said stationary die has an approximately spherical
2 shape and a bottom side including an impression.

1 9. The apparatus of claim 1, further comprising a fall bar, said fall bar including a
2 plurality of marks being associated with different kinds of nuts and different kinds of falling
3 heights.

1 10. The apparatus of claim 1, further comprising a splash guard element being arranged
2 close to said dies.

1 11. The apparatus of claim 10, wherein said splash guard element is connected to said
2 movable die.

1 12. The apparatus of claim 1, wherein said stationary die is designed as a stand having a
2 mass which is greater mass than the mass of said movable die.

1 13. A nut cracker, comprising:

2 a stand including an approximately horizontal supporting surface, said supporting
3 surface being designed and arranged to hold a nut;

4 a fall bar having an approximately vertical axis, said fall bar being connected to said
5 stand; and

6 a movable cracking element, said movable cracking element being designed and
7 arranged to be movable with respect to said fall bar due to gravity in a way that said movable
8 cracking element falls down towards said supporting surface to crack a nut.

1 14. The nut cracker of claim 13, wherein said fall bar has an inverted U-shaped design
2 and includes a first approximately vertical leg and a second approximately vertical leg, said
3 first leg being fixedly connected to said stand and said second leg being designed and
4 arranged to protrude through said cracking element and to end above said supporting
5 surface.

1 15. The nut cracker of claim 14, wherein said second leg of said fall bar includes a
2 plurality of marks being associated with different kinds of nuts and different kinds of falling
3 heights.